

ABSTRACT OF THE DISCLOSURE

A misting system uses elements having multiple functions, and integrates the mist producing nozzles and conduits with other components so that the misting system does not detract from the aesthetics of the surrounding environment. The misting system preferably uses fresh water under high pressure (200-1000 psi), and supplies mist droplets about 5-100 microns in diameter to effect evaporative cooling of the surrounding area. The nozzles are screw-threaded into conduits or nozzle extensions, and preferably use orifices having a diameter of about 0.2 – 0.5 mm. The misting system may be aesthetically integrated into a boat (or other watercraft) canopy frame, a boat superstructure, a boat rail, a ceiling panel, and/or a light fixture. The nozzle extensions may be modified to have external screw threads which cooperate with a nut or other structure for mounting. The misting nozzle may be used with a supporting vertical pipe with T-piece for landscaping or agricultural misting.